



GERMAN UNIVERSITIES
OF TECHNOLOGY

English Master's Programs
Academic Year 2025/2026

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TU9 Mission Statement

TU9 – German Universities of Technology
Excellence in Engineering and Science Made in Germany

Leading Technical Universities as Drivers of Societal Transformation

As an Alliance of Leading Technical Universities, we take special responsibility for the productive and innovative strength of our society and economy. We help shape the future by contributing to digitization and the energy and sustainability transition, to name a few. To this end, we combine our specific expertise in basic research, especially in the natural sciences and engineering, with applied research and innovation.

Based on our broad canon of disciplines, which besides engineering and natural sciences, includes humanities, social sciences and medicine, we develop creative solutions for the complex global challenges of today and tomorrow. Our inter- and transdisciplinary research brings together diverse expertise based on strong disciplines. It is our hallmark and success factor. Naturally, we think in multiple perspectives and solve problems holistically.

Our students acquire these competencies from the very beginning. Our teaching and learning settings combine subject matter focus with interdisciplinary and transdisciplinary breadth. Successful teaching and learning take place in living labs on real life projects and in diverse teams. We act as a talent magnet and attract an above-average number of international students. We regard studying as a lifelong process. Further scientific training and qualification is naturally part of our portfolio. This makes us a key player in securing skilled workers, especially in the STEM sector, which is an essential prerequisite for our country's economic performance.

In research and teaching, we also cooperate with the business community. We encourage all members of our universities to start up their own businesses and support them on the path from idea to company. Thus, our universities are hubs and drivers of vibrant innovation ecosystems. Excellent basic research is the foundation of disruptive innovations.

Multiple perspectives are a prerequisite for finding forward-looking answers to the major challenges we face. We are committed to the principles of equality, diversity and anti-discrimination and integrate scientists and employees from all over the world into our institutions. As Technical Universities, we seek in-depth exchange and an open multi-logic in networks with our partners in science, business, society, and politics on a regional, national, European and global level. We are convinced that cooperative connections lead to transformative solutions.

A great curiosity, the courage to shape change, a pronounced focus on solutions, the conviction of the added value of intensive cooperation and the appreciation of diverse perspectives are part of our self-conception. They are the key to the urgent transformation processes in our society.

Study at a TU9 University: Nine Good Reasons

1

DIVERSITY

Choose from over 240 English master's programs out of more than 1,300 degree programs (BA & MA) in total

2

RESEARCH

Research-focused teaching as a core element of excellent education in an international and inspiring environment

3

INTERDISCIPLINARY WORK & PROFESSIONAL QUALIFICATIONS

Study and research across disciplines and beyond (with language and soft skills courses)

4

THEORY & PRACTICE

Get early insights into various career paths with student internships in research and industry

5

TECHNOLOGY TRANSFER

Special focus on transfer projects and start-up initiatives

6

CAREER OPPORTUNITIES

Broad education across disciplines and practical experiences as basis for a wide range of professions in science and the private sector worldwide

7

INTERNATIONALITY

International campus, global research collaborations, student exchanges, and joint degree programs

8

LIFE OUTSIDE THE CLASSROOM

Study and live: sports, social and cultural events and activities are part of a vibrant lifestyle on campus and beyond

9

PRICELESS

Germany is a politically stable, safe, and diverse country with excellent study programs and it is one of the world's most affordable places to study and live (around €1,000 per month)

General Requirements

Most of the master's programs in Germany are two-year programs and subject to admission restrictions. Applicants for the English master's programs need proficiency in English. Requirements, application deadlines, and application procedures may vary. For further information on the specifics for each study program, please contact the respective TU9 University (see individual TU9 Universities' links on page 7).

To enroll in a master's program, a first university degree (usually a three-year bachelor's degree) is required. If you have completed your studies abroad and would like to pursue a master's degree in Germany, your first university degree must be recognized in Germany.

To know how your first university degree is assessed in Germany, the anabin database (» www.anabin.de) provides an overview (in German).

Note

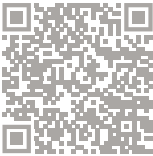
All master's programs listed in this brochure offer a "Master of Science" degree unless stated otherwise.

Special Information for International Students

All TU9 Universities have International Offices with counseling offers and services for international applicants and students.

On their websites they offer extensive information on study programs, application procedures, and admission, student orientation, language and intercultural services, and student life as well as welcome events.

Please use the QR codes or links below to visit the websites of the TU9 Universities' International Offices.



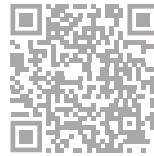
RWTH Aachen University

<https://t1p.de/rwth-tu9>



Technische Universität Berlin

<https://t1p.de/tub-tu9>



Technische Universität Braunschweig

<https://t1p.de/tubs-tu9>



Technical University of Darmstadt

<https://t1p.de/tuda-tu9>



TUD Dresden University of Technology

<https://t1p.de/tud-tu9>



Leibniz University Hannover

<https://t1p.de/luh-tu9>



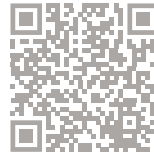
Karlsruhe Institute of Technology

<https://t1p.de/kit-tu9>



Technical University of Munich

<https://t1p.de/tum-tu9>



University of Stuttgart

<https://t1p.de/ust-tu9>

English Master's Programs

Agriculture & Forest Science

Agrifood Economics, Policy and Regulation
@ Technical University of Munich

Agricultural Biosciences
@ Technical University of Munich

Sustainable Food
@ Technical University of Munich
TUM Asia

Sustainable Resource Management
@ Technical University of Munich

Tropical Forestry
@ TUD Dresden University of Technology
Possible joint degree program in cooperation with European partner universities

Architecture, Urban Planning & Civil Engineering

Advanced Computational and Civil Engineering Structural Studies (ACCESS)
@ TUD Dresden University of Technology

Architecture
@ Technical University of Darmstadt
Can be studied completely in English and German

Architecture
@ Karlsruhe Institute of Technology
Offers profiles or areas of specialization that students can study and graduate in solely in English.

Architecture – Typology
@ Technische Universität Berlin

Bauingenieurwesen – Civil Engineering
@ Technical University of Darmstadt
Bilingual program (language requirements: English at C1 level; C1 level in German should be reached by the beginning of the third semester at the latest.)

Cartography
@ TUD Dresden University of Technology and Technical University of Munich
In cooperation with TU Wien, Austria, and University of Twente, Netherlands

Civil Engineering
@ Technical University of Munich

Civil Engineering, with specialization in Advanced Computational Methods in Civil Engineering
@ RWTH Aachen University
Specialization in English language

Civil Systems Engineering
@ Technische Universität Berlin

Computational Mechanics
@ Technical University of Munich
In cooperation with Elite Network of Bavaria, Germany

Computational Mechanics of Materials and Structures (COMMAS)
@ University of Stuttgart
German language course included in program with Double Master's option

Energy Science and Engineering
@ Technical University of Darmstadt
Bilingual (German language requirement DSH-2); interdisciplinary study program on topics such as renewable energies, storage, and climate development.

Environmental Planning and Territorial Development – Track Territorial Development
@ Leibniz University Hannover

Geodesy and Geoinformation
@ Technical University of Munich

Information Technologies for the Built Environment
@ Technical University of Munich

Infrastructure Planning (MIP)
@ University of Stuttgart

Integrated Urbanism and Sustainable Design (IUSD)
@ University of Stuttgart
Also available as Double Master's study course in cooperation with Ain Shams University, Cairo, Egypt

Integrative Technologies and Architectural Design Research (ITECH)
@ University of Stuttgart

Landscape Architecture (MA)
@ Technical University of Munich

Rail and Urban Transport

@ Technical University of Munich
*Joint degree program at GIST-TUM Asia
in cooperation with NTU, Singapore
(tuition fee)*

Resilient Civil Engineering

@ RWTH Aachen University

Resource Efficient and Sustainable Building

@ Technical University of Munich

**Sustainable Management –
Water and Energy**

@ RWTH Aachen University

Sustainable Urban Development

@ Technical University of Darmstadt
*Joint degree program in cooperation
with Vietnamese-German University*

Transforming City Regions

@ RWTH Aachen University

**Transport Engineering and Mobility,
with specialization in Railway Systems
Engineering**

@ RWTH Aachen University
Specialization in English language

Transportation Economics

@ TUD Dresden University of Technology

Transportation Systems

@ Technical University of Munich

Urban Design

@ Technische Universität Berlin

Urban Management

@ Technische Universität Berlin
Tuition fee

Biology, Chemistry & Medicine

**Artificial Intelligence for Molecular
Sciences**

@ Technische Universität Braunschweig

Biochemistry

@ TUD Dresden University of Technology

Bioeconomy

@ Technical University of Munich

Biology

@ Karlsruhe Institute of Technology
*Offers profiles or areas of specialization
that students can study and graduate in
solely in English*

Biology

@ Technical University of Munich

Biology in Society

@ TUD Dresden University of Technology

**Biomedical Engineering and Medical
Physics**

@ Technical University of Munich

Biomedical Neuroscience

@ Technical University of Munich

Chemical Biotechnology

@ Technical University of Munich

Chemical Sciences

@ University of Stuttgart

Chemistry

@ TUD Dresden University of Technology

Ecosystem Services

@ TUD Dresden University of Technology
*In cooperation with Senckenberg Society;
courses at International Institute Zittau,
Germany, and at Senckenberg Institute
Görlitz, Germany*

Energy Science and Engineering

@ Technical University of Darmstadt
*Bilingual (German language requirement
DSH-2); interdisciplinary study program
on topics such as renewable energies,
storage and climate development.*

**Health Science – Prevention and Health
Promotion**

@ Technical University of Munich

Industrial Chemistry

@ Technical University of Munich
*Joint degree program at GIST-TUM Asia
in cooperation with NUS, Singapore
(tuition fee)*

Laboratory Animal Science

@ RWTH Aachen University
*At RWTH Aachen University International
Academy (tuition fee)*

Molecular Biosciences and Productive Biosystems

@ TUD Dresden University of Technology

Nutrition and Biomedicine

@ Technical University of Munich

Organic and Molecular Electronics

@ TUD Dresden University of Technology
Interdisciplinary study program comprising physics, chemistry, electrical engineering, and materials science

Organismic and Molecular Biodiversity

@ TUD Dresden University of Technology
In cooperation with Senckenberg Society; Courses at International Institute Zittau, Germany and at Senckenberg Institute Görlitz, Germany; internships at Senckenberg Institutes all over Germany

Radiation Biology

@ Technical University of Munich

Regenerative Biology and Medicine

@ TUD Dresden University of Technology

Soft Matter and Materials

@ Technical University of Darmstadt
In cooperation with the Johannes Gutenberg University Mainz (JGU) including the Max Planck Institute for Polymer Research (MPI-P)

Sport and Exercise Science

@ Technical University of Munich

Synthetic Biology

@ Technical University of Darmstadt
Interdisciplinary study program combining Engineering with Biology in a project based learning approach.

Biotechnology, Bioengineering & Medical Engineering

Applied Health Informatics & Digital Medicine

@ RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Biomass Technology

@ Technical University of Munich
Joint degree-cooperation between TUM (leading university) and the University of Natural Resources and Life Sciences (BOKU)

Biomedical Engineering

@ RWTH Aachen University

Chemical Biotechnology

@ Technical University of Munich

Molecular Bioengineering

@ TUD Dresden University of Technology

Molecular Biosciences and Productive Biosystems

@ TUD Dresden University of Technology

Nanoelectronic Systems

@ TUD Dresden University of Technology
Possible joint master's degree in cooperation with European partner universities

Periodontology

@ RWTH Aachen University
RWTH Aachen International Academy (tuition fee)

Physics of Life

@ TUD Dresden University of Technology
Possible joint master's degree in cooperation with European partner universities

Software Engineering

@ Technical University of Munich
In cooperation with University of Augsburg, Germany

Synthetic Biology

@ Technical University of Darmstadt
Interdisciplinary study program combining Engineering with Biology in a project based learning approach.

Computer Science

Artificial Intelligence and Machine Learning

@ Technical University of Darmstadt
AI Models and Methods, AI Systems, AI Domains and Applications

Computational Linguistics

@ University of Stuttgart

Computational Mechanics

@ Technical University of Munich
In cooperation with Elite Network of Bavaria, Germany

Computational Mechanics of Materials and Structures (COMMAS)

@ University of Stuttgart
German language course included in program; possible double degree program

Computational Modeling and Simulation

@ TUD Dresden University of Technology

Computational Neuroscience

@ Technische Universität Berlin

Joint degree program in cooperation with Humboldt-Universität zu Berlin and Charité – Universitätsmedizin Berlin, Germany

Computational Science and Engineering (CSE)

@ Technical University of Munich

In cooperation with Elite Network of Bavaria, Germany

Computational Sciences in Engineering (CSE)

@ Technische Universität Braunschweig

Bilingual program including courses taught in German (German language skills on level A2 required when enrolling)

Computer Science

@ Technische Universität Berlin

Computer Science

@ Technical University of Darmstadt

Three specializations to choose from: Data Science and Engineering, Distributed Computing, or Visual Computing

Computer Science

@ Leibniz University Hannover

Double Degree with TU Wien as an option

Computer Science

@ University of Stuttgart

Includes elective courses taught in German

Computer Simulations for Science and Engineering (COSSE)

@ Technische Universität Berlin

Joint degree program in cooperation with European partner universities, coordinated by KTH Stockholm, Sweden

Data Engineering and Analytics

@ Technical University of Munich

Data Science

@ RWTH Aachen University

Data Science

@ Technische Universität Braunschweig

Data Science in applications area

Distributed Systems Engineering

@ TUD Dresden University of Technology

Possible joint master's degree in cooperation with European partner universities

Geophysics

@ Karlsruhe Institute of Technology

Informatics

@ Technical University of Munich

Informatics: Games Engineering

@ Technical University of Munich

Information Systems

@ Technical University of Munich

Information Systems Engineering and Management (ISEM)

@ Karlsruhe Institute of Technology

Executive program at HECTOR School, Technology Business School (tuition fee)

Information Systems Management

@ Technische Universität Berlin

Language of instruction either English or German

Information Technologies for the Built Environment

@ Technical University of Munich

IT-Security

@ Technical University of Darmstadt

Cryptography, System Security and Software Security

Media Informatics

@ RWTH Aachen University

In cooperation with Bonn Aachen International Center for Information Technology, Germany; compulsory German language course included in program

Neuroengineering

@ Technical University of Munich

Scientific Computing

@ Technische Universität Berlin

Includes courses taught in German

Simulation Sciences

@ RWTH Aachen University

In cooperation with German Research School for Simulation Sciences Aachen, Germany

Software Engineering

@ Technical University of Munich

In cooperation with University of Augsburg, Germany

Software Systems Engineering

@ RWTH Aachen University

Economics & Management**Air Transport and Logistics**

@ TUD Dresden University of Technology

Building Sustainability – Management Methods for Energy Efficiency (MBA)

@ Technische Universität Berlin

Tuition fees

Business Administration and Engineering: Materials Science

@ Technical University of Darmstadt

Interdisciplinary study program combining Business Administration and Engineering (with focus on Functional Materials Engineering)

Business and IT (MBA)

@ Technical University of Munich

Executive Master of Business Administration (tuition fee)

Business Engineering in Urban Mobility

@ Technische Universität Braunschweig
Double Degree Program in cooperation with the EIT – Urban Mobility Master School

Consumer Science

@ Technical University of Munich

Data Analytics and Decision Science (DDS)

@ RWTH Aachen University

Tuition fee

Digitalization & Industrial Change (Full-time MBA)

@ RWTH Aachen

RWTH Aachen University International Academy (tuition fee)

Economics and Management

@ Leibniz University Hannover

Eight majors and minors, of which five are in English: Empirical Economics and Econometrics, Finance, Banking and Insurance, Information and Operations Management, International Environment and Development Studies and Strategic Management.

Ecosystem Services

@ TUD Dresden University of Technology

In cooperation with Senckenberg Society; courses at International Institute Zittau, Germany, and at Senckenberg Institute Görlitz, Germany

Energy Engineering and Management (EEM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Energy Management (MBA)

@ Technische Universität Berlin

Tuition fee

Entrepreneurship and Innovation Management

@ Technical University of Darmstadt

Finance and Information Management (FIM)

@ Technical University of Munich

Financial Engineering (FE)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

General Management (MBA)

@ Technical University of Munich
Executive Master of Business Administration (tuition fee)

Human Factors Engineering

@ Technical University of Munich

Information Systems

@ Technical University of Munich

Information Systems Engineering and Management (ISEM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Innovation and Business Creation (MBA)

@ Technical University of Munich

Executive Master of Business Administration (tuition fee)

Innovation Management, Entrepreneurship, and Sustainability

@ Technische Universität Berlin
Joint degree program in cooperation with University of Twente, Netherlands, and Warsaw School of Economics, Poland

Logistics and Supply Chain Management

@ Technical University of Darmstadt

Logistics Engineering and Management

@ Technical University of Munich

TUM Asia

Management (Main Location: Munich)

@ Technical University of Munich

Management (Main Location: Heilbronn)

@ Technical University of Munich

Management and Digital Technology

@ Technical University of Munich

Management and Engineering in Production Systems

© RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Management and Engineering in Structural Engineering and Risk Management of Industrial Facilities

© RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Management and Innovation

© Technical University of Munich
Two program tracks: TUM track (TUM Campus Heilbronn, Germany) and Double Degree Track (HEC Paris, France)

Management and Technology (TUM-BWL)

© Technical University of Munich

Management of Product Development (MPD)

© Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Management Science and Mathematics

© RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Mathematics in Business and Economics

© TUD Dresden University of Technology

Mobility Systems Engineering and Management (MSEM)

© Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Production and Operations Management (POM)

© Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Public and International Economics

© TUD Dresden University of Technology

Sustainability Management: Technology, Analytics & Transformation

© RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Transportation Economics

© TUD Dresden University of Technology

Electrical & Communications Engineering**Communications and Electronics Engineering**

© Technical University of Munich

Communications Engineering and Data Science

© Technische Universität Braunschweig
Joint Erasmus Mundus Master's program with partner universities (TU Braunschweig as entry or exit university)

Computational Sciences in Engineering (CSE)

© Technische Universität Braunschweig
Bilingual program including courses taught in German (German language skills on level A2 required)

Computer Engineering

© RWTH Aachen University

Computer Science

© Leibniz University Hannover
Double Degree with TU Wien as an option

Electrical Engineering

© University of Stuttgart
With Double Master's option

Electrical Engineering and Information Technology

© Karlsruhe Institute of Technology
Only the profiles Photonics, Information and Communication, and Electrical Power Systems can be studied in English.

Electrical Engineering and Information Technology

© RWTH Aachen University
Two specializations completely in English; six further specializations in German

Energy Science and Engineering

© Technical University of Darmstadt
Bilingual (German language requirement DSH-2); interdisciplinary study program on topics such as renewable energies, storage and climate development.

Europhotonics (Erasmus Mundus Master)

© Karlsruhe Institute of Technology
At Karlsruhe School of Optics and Photonics (KSOP); Erasmus Mundus program in cooperation with European partner universities

Green Electronics

@ Technical University of Munich
Joint degree program at GIST-TUM Asia in cooperation with NTU, Singapore (tuition fee)

Information and Communication Engineering

@ Technical University of Darmstadt
Some elective courses taught in German (free German language course included in program)

Information Systems Engineering and Management (ISEM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Information Technology (INFOTECH)

@ University of Stuttgart
Compulsory German language course included in program

Integrated Circuit Design

@ Technical University of Munich
Joint degree program at GIST-TUM Asia in cooperation with NTU, Singapore (tuition fee)

Mechatronics, Robotics and Bio-mechanical Engineering

@ Technical University of Munich

Nanoelectronic Systems

@ TUD Dresden University of Technology
Possible joint master's degree in cooperation with European partner universities

Neuroengineering

@ Technical University of Munich

Optics and Photonics

@ Karlsruhe Institute of Technology
At Karlsruhe School of Optics and Photonics (KSOP)

Organic and Molecular Electronics

@ TUD Dresden University of Technology
Interdisciplinary study program comprising physics, chemistry, electrical engineering, and materials science

Power Engineering

@ Technical University of Munich

Quantum Technologies in Electrical and Computer Engineering

@ Technische Universität Braunschweig
Additional modules at the Faculty of Mathematics and Physics at Leibniz University Hannover.

Robotic Systems Engineering

@ RWTH Aachen University
At RWTH Aachen University International Academy (tuition fee)

Smart Production Engineering

@ RWTH Aachen University
At RWTH Aachen University International Academy

Environmental Engineering

Air Quality Control, Solid Waste, and Waste Water Process Engineering (WASTE)

@ University of Stuttgart
Compulsory German language course included in program; some elective courses taught in German; possible double degree program with Double Master's option

Energy Engineering and Management (EEM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Environmental Engineering

@ Technical University of Munich

Environmental Planning

@ Technische Universität Berlin
Some elective courses taught in German

Geomaterials and Geochemistry

@ Technical University of Munich

Hydro Science and Engineering

@ TUD Dresden University of Technology
Possible joint degree program in cooperation with international partner universities

Mobility Systems Engineering and Management (MSEM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Polymer Science

@ Technische Universität Berlin
Joint degree program in cooperation with Freie Universität Berlin, Humboldt-Universität zu Berlin, and University of Potsdam, Germany

Process, Energy, and Environmental Systems Engineering (PEESE)

@ Technische Universität Berlin

Sustainable Mobility Management (MBA)

© Technische Universität Berlin

Tuition fee

Tropical Hydrogeology and Environmental Engineering (TropHEE)

© Technical University of Darmstadt

Water Resources and Environmental Engineering

© Leibniz University Hannover

Water Resources and Environmental Engineering – Track “Major C: Resources and Environment” Double Degree

© Leibniz University Hannover

Double degree program with the renowned Tsinghua University, China

Water Resources Engineering and Management (WAREM)

© University of Stuttgart

Possible double degree program with international partner universities; compulsory German language course in first semester

Water Security and Global Change

© TUD Dresden University of Technology & RWTH Aachen University

In cooperation with IIT Madras, India, as well as UNU Flores & AIT Bangkok, Thailand

Water Science and Engineering

© Karlsruhe Institute of Technology

Geodesy, Georesources & Materials Sciences**Applied Geophysics**

© RWTH Aachen University

Joint Degree with TU Delft, Netherlands, and ETH Zurich, Switzerland (tuition fee)

Applied Geosciences

© Karlsruhe Institute of Technology

Only the profile Energy, Resources & Storage can be studied in English.

Applied Geosciences, with specialisation in “Energy and Mineral Resources” and “Applied Mineralogy and Crystallography”

© RWTH Aachen University

Specialization in English language

Cartography

© TUD Dresden University of Technology and Technical University of Munich
In cooperation with TU Wien, Austria, and University of Twente, Netherlands

Earth Oriented Space Science and Technology (ESPACE)

© Technical University of Munich

Possible joint degree program in cooperation with Wuhan University, China

Engineering Geohazards

© RWTH Aachen University

Engineering Geology and Hydrogeology

© Technical University of Munich

Geodesy and Geoinformatics – Track Geomatics

© Leibniz University Hannover

Geodesy and Geoinformatics – Track Remote Sensing and GIS

© Leibniz University Hannover

Geodesy and Geoinformation Science

© Technische Universität Berlin

Geomatics Engineering (GEOENGINE)

© University of Stuttgart

Geophysics

© Karlsruhe Institute of Technology

Geophysics

© Technical University of Munich

Offered jointly by TUM and LMU

Geosciences

© Leibniz University Hannover

Information Technologies for the Built Environment

© Technical University of Munich

Land Management and Geospatial Science

© Technical University of Munich

Materials Engineering (International Profile)

© RWTH Aachen University

Materials Science

© Technical University of Darmstadt

Possible double degree programs with international partner universities, among them FAMEAIS, AMIS, AMIR (Erasmus Mundus Joint Master Degree and EIT Raw Materials)

Materials Science

@ University of Stuttgart
With Double Master's option – with international partner universities

Materials Science and Engineering

@ Karlsruhe Institute of Technology
Offers profiles or areas of specialization that students can study and graduate in solely in English.

Remote Sensing and Geoinformatics

@ Karlsruhe Institute of Technology
Some elective courses taught in German (German language skills on intermediate level required)

Science and Technology of Materials

@ Technical University of Munich
Degree programme taught in English in Salzburg and usually in German at TUM

Sustainable Mineral Resources and Energy Supply, with specialisation Repository Safety

@ RWTH Aachen University

Tropical Hydrogeology and Environmental Engineering (TropHEE)

@ Technical University of Darmstadt

Humanities, Law & Education

AI in Society

@ Technical University of Munich

Cognitive Science

@ Technical University of Darmstadt

Cognitive, Digital and Empirical English Studies (MA)

@ RWTH Aachen University

Data and Discourse Studies (MA)

@ Technical University of Darmstadt

European and International Energy Law (MBL)

@ Technische Universität Berlin
Tuition fee

European Studies (Master of Public Administration – MPA)

@ RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

International Studies in Intellectual Property Law and Data Law (LLM)

@ TUD Dresden University of Technology
Bilingual program with European and non-European partner universities; can be completed in English (tuition fee)

IT Law and Intellectual Property Law (LLM)

@ Leibniz University Hannover
Bilingual program with European partner universities; obligatory stay abroad during the second semester

North American Studies (MA)

@ Leibniz University Hannover

Philosophy of Science (MA)

@ Leibniz University Hannover
Comprehensive research-oriented training for philosophers, covering ethics and epistemology of the natural sciences, life sciences, humanities, and social sciences.

Politics and Technology

@ Technical University of Munich

Religion in the Public Sphere (MA)

@ Leibniz University Hannover
The course is offered by the Institute for the Study of Religion in cooperation with the Institute of Sociology in Hannover. There is the option of gaining a double degree through cooperation with the University of Södertörn (Sweden) or Roma Tre (Italy). Double Degree as option.

Responsibility in Science, Engineering, and Technology (RESET) (MA)

@ Technical University of Munich

Risk and Safety

@ Technical University of Munich

Science and Technology Studies (STS) (MA)

@ Technical University of Munich

Vocational Education and Innovation

@ Technical University of Munich

Mathematics

Applied Mathematics

@ RWTH Aachen University

Cartography

@ Technical University of Munich
Each semester takes place at a different partner university

Data Science

@ RWTH Aachen University

Data Science

@ Technische Universität Braunschweig

Information Engineering

@ Technical University of Munich
at TUM Campus Heilbronn

Mathematical Finance and Actuarial Science

@ Technical University of Munich

Mathematics

@ Leibniz University Hannover
Option for Joint Degree RealMaths or Joint Degree MathMods with the Università degli Studi dell'Aquila

Mathematics

@ Technical University of Darmstadt

Mathematics

@ TUD Dresden University of Technology

Mathematics

@ Karlsruhe Institute of Technology

Mathematics

@ Technical University of Munich

Mathematics in Data Science

@ Technical University of Munich

Mathematics in Business and Economics

@ TUD Dresden University of Technology

Mathematics in Science and Engineering

@ Technical University of Munich

Mechanics

@ Technical University of Darmstadt
Transdisciplinary study program combining Civil Engineering and Geodesy, Mechanical Engineering, Mathematics and Physics

Meteorology and Climate Physics

@ Karlsruhe Institute of Technology

Quantum Engineering

@ Leibniz University Hannover

Robotics, Cognition, Intelligence

@ Technical University of Munich

Technomathematics

@ TUD Dresden University of Technology

Mechanical Engineering**Aerospace**

@ Technical University of Munich
Language of instruction German and English; can be studied in German, English or both languages, depending on the focus area; evidence of language proficiency needed

Aerospace Engineering

@ Technical University of Darmstadt

Aerospace Engineering

@ Technical University of Munich
Joint degree program at GIST-TUM Asia in cooperation with NTU, Singapore (tuition fee)

Air Transport and Logistics

@ TUD Dresden University of Technology

Automotive Engineering

@ RWTH Aachen University
Compulsory German language course included in program

Automotive Engineering

@ Technical University of Munich

Computational Mechanics

@ Technical University of Munich
In cooperation with Elite Network of Bavaria, Germany

Computational Mechanics of Materials and Structures (COMMAS)

@ University of Stuttgart
German language course included in program; possible double degree program

Computer Aided Conception and Production in Mechanical Engineering

@ RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Energy Engineering and Management (EEM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Global Production Engineering in Manufacturing

@ Technische Universität Berlin
Tuition fee

**Global Production Engineering
in Solar Technology**

@ Technische Universität Berlin
Tuition fee

**Information Systems Engineering
and Management (ISEM)**

@ Karlsruhe Institute of Technology
*Executive program at HECTOR School,
Technology Business School (tuition fee)*

**Management and Engineering in Com-
puter Aided Mechanical Engineering**

@ RWTH Aachen University
*RWTH Aachen University International
Academy (tuition fee)*

**Management and Engineering
in Production Systems**

@ RWTH Aachen University
*RWTH Aachen University International
Academy (tuition fee)*

**Management and Engineering in
Technology, Innovation, Marketing
and Entrepreneurship**

@ RWTH Aachen University
*RWTH Aachen University International
Academy (tuition fee)*

**Management of Product Development
(MPD)**

@ Karlsruhe Institute of Technology
*Executive program at HECTOR School,
Technology Business School (tuition fee)*

Materials Science and Engineering

@ Karlsruhe Institute of Technology
*Offers profiles or areas of specialization
that students can study and graduate in
solely in English.*

Materials Science and Engineering

@ Technical University of Munich

Mechanical Engineering

@ Karlsruhe Institute of Technology
*Offers profiles or areas of specialization
that students can study and graduate in
solely in English.*

Mechanical Engineering

@ Technical University of Munich

Mechanical Engineering

@ University of Stuttgart
*Exclusively offered as Joint Master's
program with Georgia Tech, Atlanta,
USA; one year in Atlanta, one year
in Stuttgart, Germany*

Mechanics

@ Technical University of Darmstadt
*Transdisciplinary study program
combining Civil Engineering and
Geodesy, Mechanical Engineering,
Mathematics, and Physics*

**Mechatronics and Robotics –
Track AI Driven Mechatronics
and Robotics**

@ Leibniz University Hannover

**Mobility Systems Engineering
and Management (MSEM)**

@ Karlsruhe Institute of Technology
*Executive program at HECTOR School,
Technology Business School (tuition fee)*

Optical Technologies

@ Leibniz University Hannover
*Cooperation between the Faculty of
Mathematics and Physics and the Faculty
of Mechanical Engineering enables
the master's degree program to build
a bridge between basic research
in physics and technical application.*

**Power Engineering – Track Energy
Technology**

@ Leibniz University Hannover
*Double Degree in the Electrical Engineer-
ing and Information Technology Master
Program with LUT University. The first year
takes place in Lappeenranta, Finland, the
second year in Hannover, Germany. The
teaching language for the entire course
is English. Before and during the study
program preparatory language courses
in German and Finnish are offered.*

**Production and Operations Management
(POM)**

@ Karlsruhe Institute of Technology
*Executive program at HECTOR School,
Technology Business School (tuition fee)*

Robotic Systems Engineering

@ RWTH Aachen University
*RWTH Aachen University International
Academy (tuition fee)*

Smart Production Engineering

@ RWTH Aachen University
*At RWTH Aachen University International
Academy (tuition fee)*

Space Engineering (MSE)

@ Technische Universität Berlin
Tuition fee

Textile Engineering

@ RWTH Aachen University
*RWTH Aachen University International
Academy (tuition fee)*

Physics**Biomedical Engineering and Medical Physics**

@ Technical University of Munich

Computational Mechanics

@ Technical University of Munich
*In cooperation with Elite Network of
Bavaria, Germany*

Energy Science and Engineering

@ Technical University of Darmstadt
*Bilingual (German language requirement
DSH-2); interdisciplinary study program
on topics, such as renewable energies,
storage, and climate development.*

Europhotonics (Erasmus Mundus Master)

@ Karlsruhe Institute of Technology
*At Karlsruhe School of Optics and Photonics
(KSOP); Erasmus Mundus program
in cooperation with European partner
universities*

Matter to Life

@ Technical University of Munich

Meteorology

@ Karlsruhe Institute of Technology

Optical Technologies

@ Leibniz University Hannover
*Cooperation between the Faculty of
Mathematics and Physics and the Faculty
of Mechanical Engineering enables
the master's degree program to build
a bridge between basic research
in physics and technical application.*

Optics and Photonics

@ Karlsruhe Institute of Technology
*At Karlsruhe School of Optics and
Photonics (KSOP)*

Organic and Molecular Electronics

@ TUD Dresden University of Technology
*Interdisciplinary study program com-
prising physics, chemistry, electrical
engineering, and materials science*

Photonics Engineering, Nanophotonics and Biophotonics (Erasmus Mundus Master)

@ Karlsruhe Institute of Technology
*At Karlsruhe School of Optics and Photonics
(KSOP); Erasmus Mundus program
in cooperation with European partner
universities*

Physics

@ RWTH Aachen University

Physics

@ Technical University of Darmstadt

Physics

@ TUD Dresden University of Technology

Physics

@ Leibniz University Hannover

Physics

@ Karlsruhe Institute of Technology

Physics

@ University of Stuttgart

Physics (Applied and Engineering Physics)

@ Technical University of Munich

Physics of Life

@ TUD Dresden University of Technology
*Possible joint master's degree in cooper-
ation with European partner universities*

Quantum Engineering

@ Leibniz University Hannover

Quantum Science & Technology

@ Technical University of Munich
*In cooperation with LMU Munich,
Germany*

Quantum Technologies in Electrical and Computer Engineering

@ Technische Universität Braunschweig
*Additional modules at the Faculty
of Mathematics and Physics at Leibniz
University Hannover.*

Soft Matter and Materials

@ Technical University of Darmstadt
*In cooperation with the Johannes
Gutenberg University Mainz (JGU),
including the Max Planck Institute
for Polymer Research (MPI-P)*

Solar System Physics

@ Technische Universität Braunschweig

RWTH Aachen University
Technische Universität Berlin
Technische Universität Braunschweig
Technical University of Darmstadt
TUD Dresden University of Technology
Leibniz University Hannover
Karlsruhe Institute of Technology
Technical University of Munich
University of Stuttgart

Imprint

TU9
German Universities of Technology e.V.

Dr. Nicole Saverschek
Managing Director

Contact

Invalidenstraße 112
10115 Berlin
Germany

+49-30-278 74 76-80
» international@tu9.de

Photo

Karlsruher Institut für Technologie (KIT)
Crossmedia

Design

Sebastian Lehnert, Leipzig

» www.tu9.de/studium
» de.linkedin.com/company/tu9.de

Published: January 2025
